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A.W.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Applicant: Cha)	Art Unit: 2177
)	
Serial No.: 09/512,949)	Examiner: Pannala
)	
Filed: February 25, 2000)	AM9-99-0217
)	
For: INDEXING SYSTEM AND METHOD FOR)	September 19, 2002
NEAREST NEIGHBOR SEARCHES IN HIGH)	750 B STREET, Suite 3120
DIMENSIONAL DATA SPACES)	San Diego, CA 92101
)	

SUPPLEMENTAL APPEAL BRIEF

Commissioner of Patents and Trademarks
Washington, DC 20231

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Dear Sir:

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This supplemental appeal brief is in response to the Notification of Non-Compliance with 37 C.F.R. §1.192(c), alleging that the Summary of the Invention fails to comply with the Rules because "it is only three lines and it does not cite the specification by page and line number". The contents of the original Appeal Brief are incorporated herein, with this Supplemental Brief focussing exclusively on the above-stated allegation.

There is no requirement in the cited Rule about the length of the Summary in an appeal brief. The present Summary accurately summarizes the invention as set forth in Claim 1, without introducing extraneous matter that might cloud the issues on appeal. Accordingly, the substitute brief below now refers to portions of the specification but remains an accurate, succinct, and tightly description of the invention as characterized in Claim 1.

(5) **Summary of Invention**

As set forth in Claim 1 and disclosed on page 3, penultimate paragraph, the invention is a computer (reference numeral 18, page 5, line 18, Figure 1) programmed to query for data (page 5, line 18). For data vectors (reference "p", Figures 3 and 4, page 7, lines 19 and 20) in a data space (Figures 2 and 3, page 7, lines 8-14), respective approximations (Figure 2, block 32, page 7, lines 21 and 22) are generated in polar coordinates (Figure 2, block 32, page 7, lines 21 and 22), and then based on the approximations, "k" nearest neighbors to the query are returned (page 3, lines 13-15; page 4, lines 7 and 8; page 5, line 22 to page 6, line 1).

Respectfully submitted,



John L. Rogitz
Registration No. 33,549
Attorney of Record
750 B Street, Suite 3120
San Diego, CA 92101
Telephone: (619) 338-8075

JLR:jg

**ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, DC 20231**

**Docket No. AM9-99-0217
(PATENT)**

SIR:

Transmitted herewith for filing in the Application of: CHA Serial No.:09/512,949


Title: INDEXING SYSTEM AND METHOD FOR NEAREST NEIGHBOR SEARCHES IN
HIGH DIMENSIONAL DATA SPACES

are the following:

- | | |
|--|---|
| <input type="checkbox"/> sheets of formal drawings | <input type="checkbox"/> Basic Filing Fee(\$740) |
| <input type="checkbox"/> Amendment | <input type="checkbox"/> Information Disclosure Statement |
| <input type="checkbox"/> Amendment after Final Rejection | <input type="checkbox"/> Declaration and Power of Attorney |
| <input type="checkbox"/> Response to Restriction Requirement | <input type="checkbox"/> Assignment of the Invention(\$40) |
| <input type="checkbox"/> Letter to Drawing Review Branch | <input type="checkbox"/> Recordation Form Cover Sheet |
| <input type="checkbox"/> Certificate of Correction | <input type="checkbox"/> Notice to File Missing Parts(\$130) |
| <input checked="" type="checkbox"/> Acknowledgment postcard | <input type="checkbox"/> Petition for Extension of Time(\$110) |
| | <input type="checkbox"/> Issue Fee(\$1,280) |
| | <input type="checkbox"/> Notice of Appeal(\$320) |
| | <input checked="" type="checkbox"/> Supplemental Appeal Brief in triplicate |

The Commissioner is hereby authorized to charge payment for any additional filing fees required under 37 CFR 1.16 or or any patent application processing fees under 37 CFR 1.17 in association with this communication or credit any overpayment to Deposit 09-0441.

Respectfully submitted,



John L. Rogitz, (#33,549)
Attorney for Applicant(s)
750 B Street, Suite 3120
San Diego, CA 92101
Telephone: (619) 338-8075

CERTIFICATE OF MAILING

I hereby certify that the above paper/fee is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Board of Patent Appeals and Interferences, Washington, DC 20231

Date of Deposit: SEPTEMBER 23, 2002

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